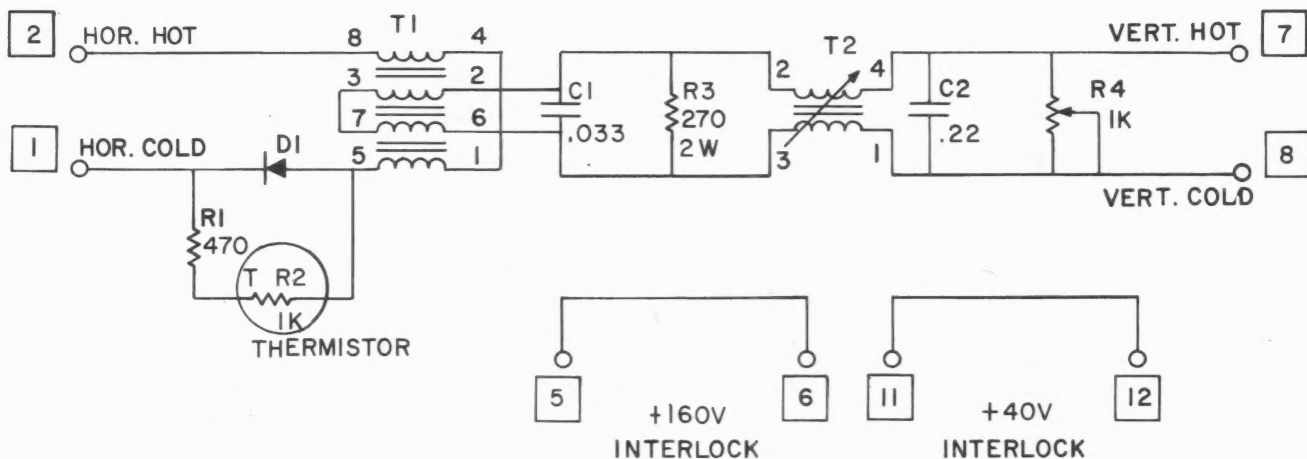


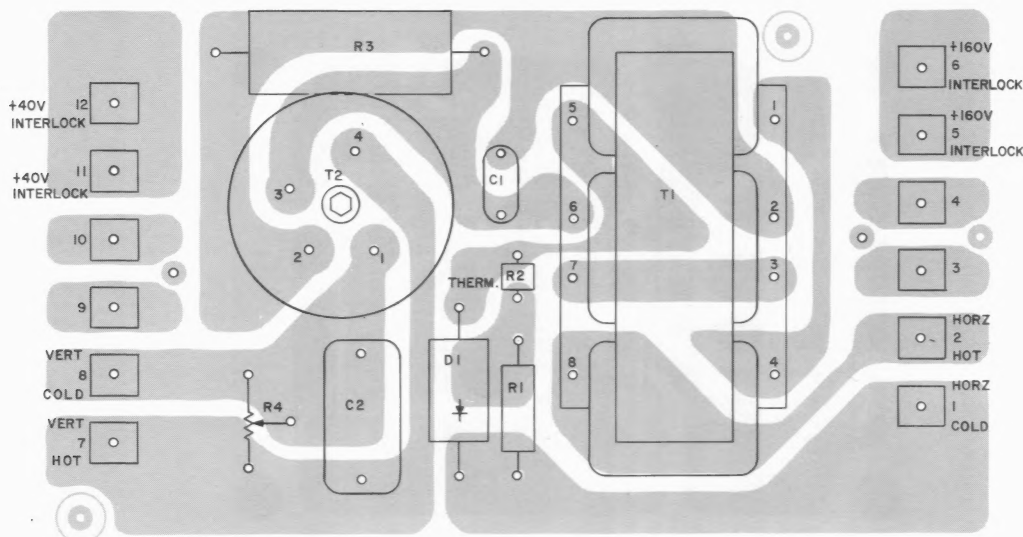
G2 DOUBLER AND REGULATOR NUMBERING SERIES 2000 (R200I) ETC.

10-990-226 G2 DOUBLER AND REGULATOR BOARD ASSEMBLY 2000

No.	Advent Part No.	Description
C1, 2, 3	60-632-161	.01, 1 KV, Z5P
C4	60-632-153	.01, 1.5 KV, Gap Cap
C5	60-632-154	100 pf, 1 KV, Z5P
D1, 2, 3	60-663-015	RCA 40644
D4	60-663-021	1N5256A, 30V, Zener
Q1	60-673-021	MPS U10
Q2, 3	60-673-006	TIS97



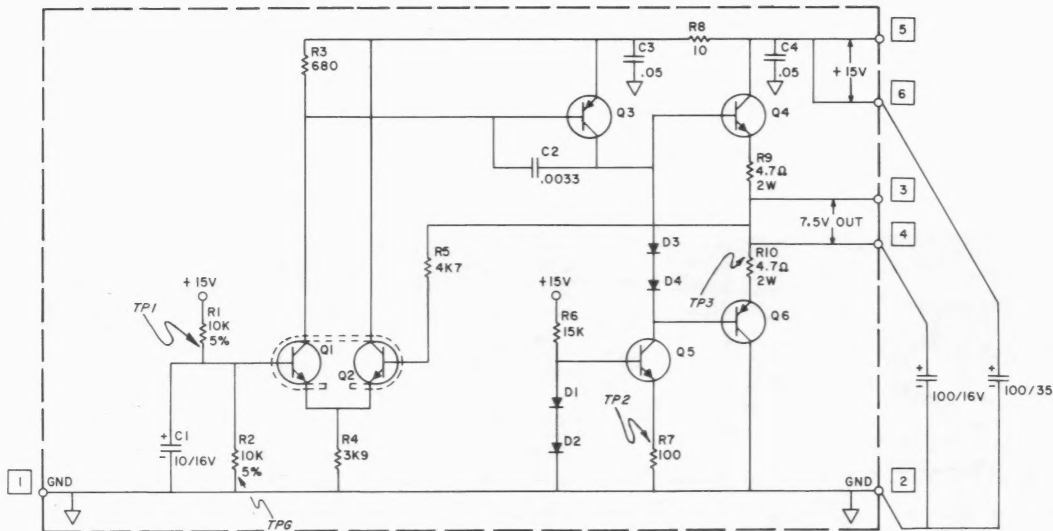
PINCUSHION CORRECTOR NUMBERING SERIES 2100 (R2101) ETC.
 ALL RESISTORS 1/4 WATT 10% UNLESS OTHERWISE NOTED
 ALL CAPACITORS IN MFD. UNLESS OTHERWISE NOTED



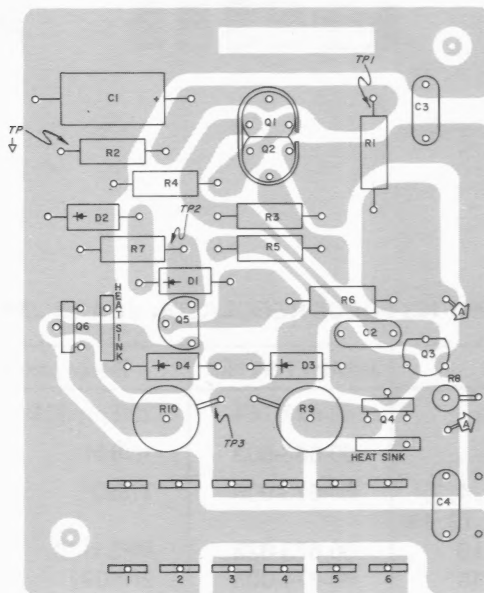
PINCUSHION CORRECTION NUMBERING SERIES 2100 (R2101) ETC.

10-990-151 PINCUSHION BOARD ASSEMBLY 2100

No.	Advent Part No.	Description
R2	60-656-002	Thermistor, 1K
D1	60-663-015	RCA 40644
T1	80-000-033	Pincushion Transformer
T2	80-000-032	Pincushion Phase Coil



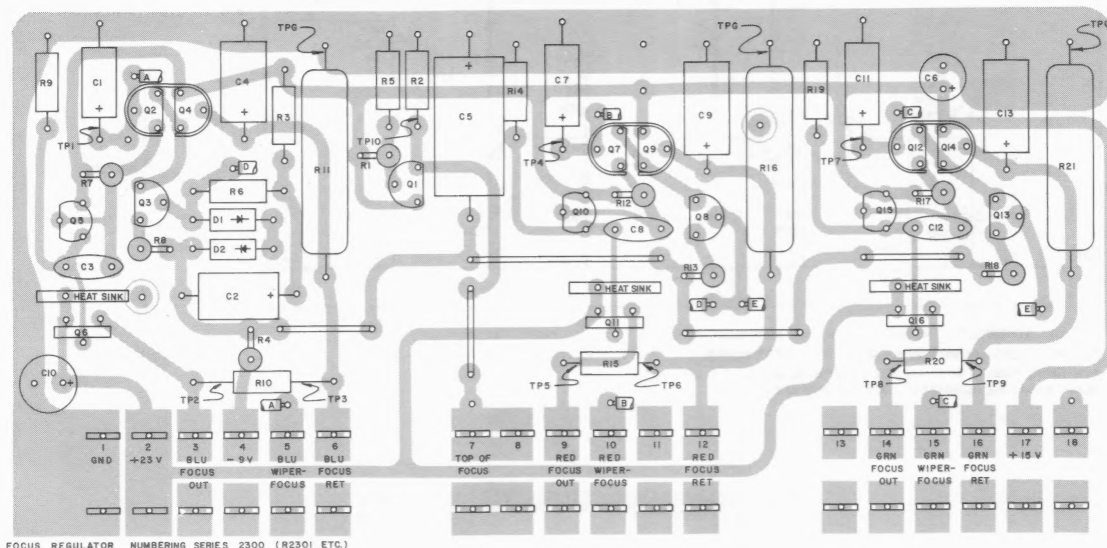
7.5 VOLT REFERENCE NUMBERING SERIES 2200 (2201) ETC.
 ALL RESISTORS 1/4 WATT 10% UNLESS OTHERWISE NOTED
 ALL CAPACITORS IN MFD. UNLESS OTHERWISE NOTED
 HEAVY DASH LINE INDICATES CIRCUIT BOARD AREA



7.5 VOLT REFERENCE NUMBERING SERIES 2200 (2201), ETC.

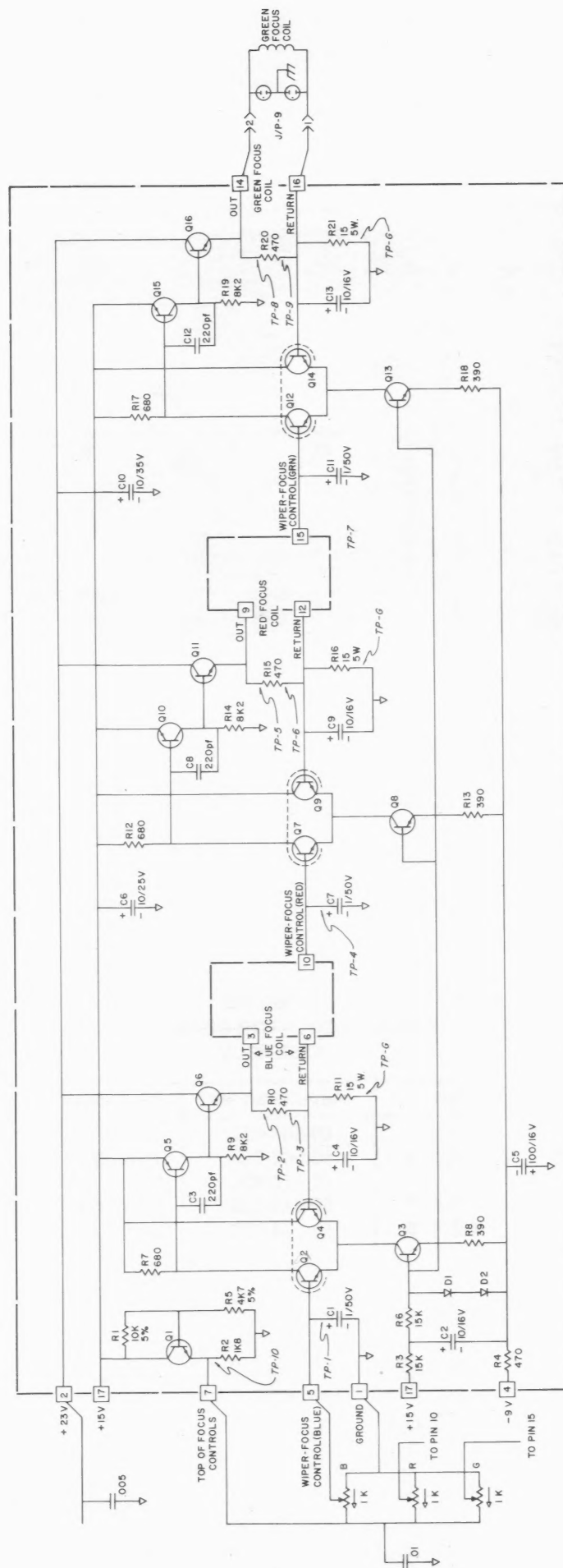
10-990-159 7.5V REFERENCE BOARD ASSEMBLY 2200

No.	Advent Part No.	Description
D1, 2, 3, 4	60-663-003	1N914
Q1, 2, 5	60-673-006	TIS97
Q3	60-674-003	2N5087
Q4	60-673-023	MPS U02
Q6	60-673-028	MPS U52



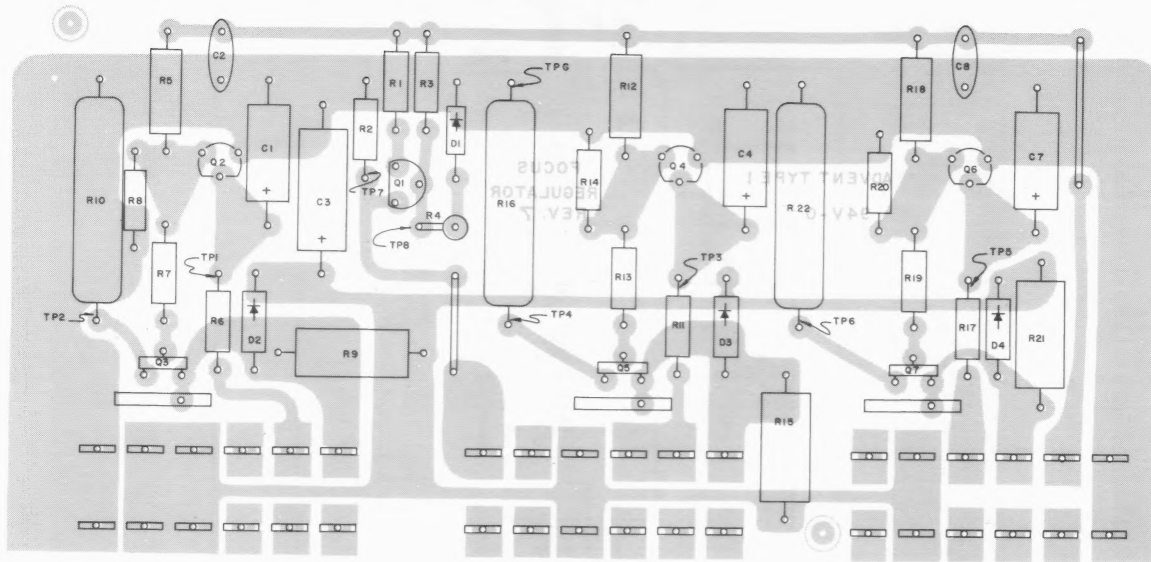
10-990-183 FOCUS REGULATOR BOARD 2300

No.	Advent Part No.	Description
C3, 8, 12	60-632-164	220 pf, 50V, Z5P
D1, 2	60-663-003	1N914
Q1, 2, 3, 4, 7, 8, 9, 12, 13, 14	60-673-006	TIS97
Q6, 11, 16	60-673-023	MPS U02
Q5, 10, 15	60-674-003	2N5087



FOCUS REGULATOR NUMBERING SERIES 2300 (R2301, ETC.)
 ALL RESISTORS 1/4 WATT - 10% UNLESS OTHERWISE NOTED.
 ALL CAPACITORS IN MFD UNLESS OTHERWISE NOTED.
 HEAVY DASHED LINE INDICATES CIRCUIT BOARD AREA.

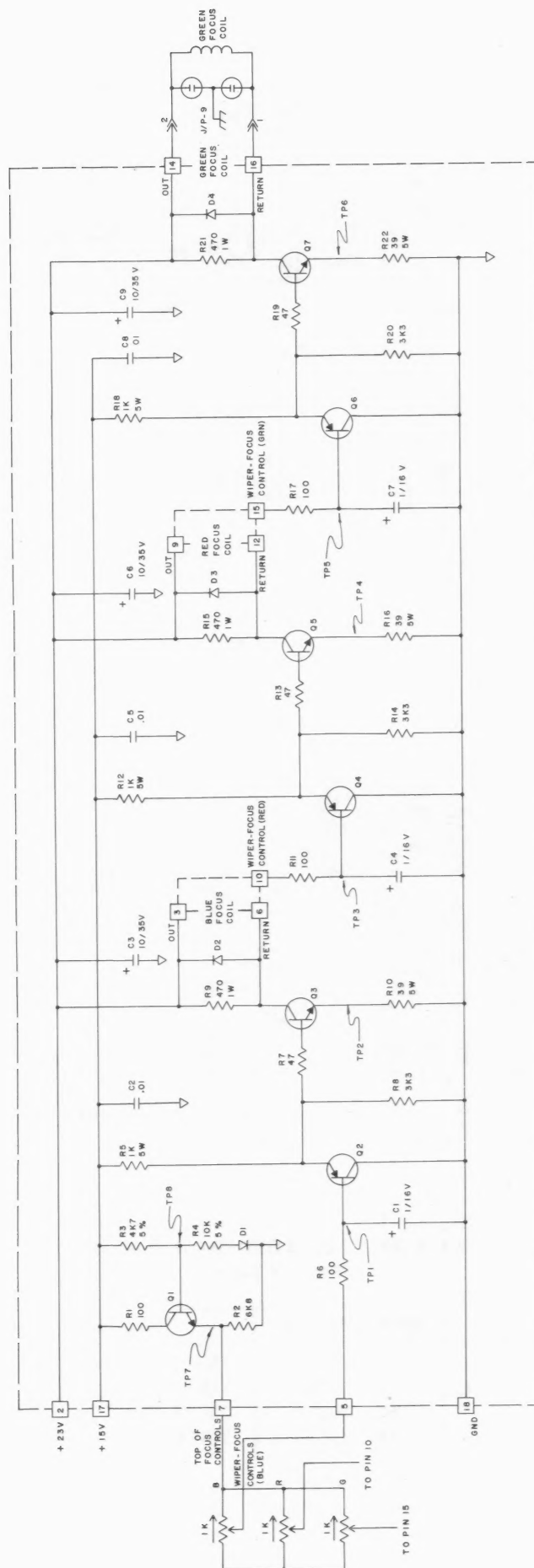
Rev 7



REV 7

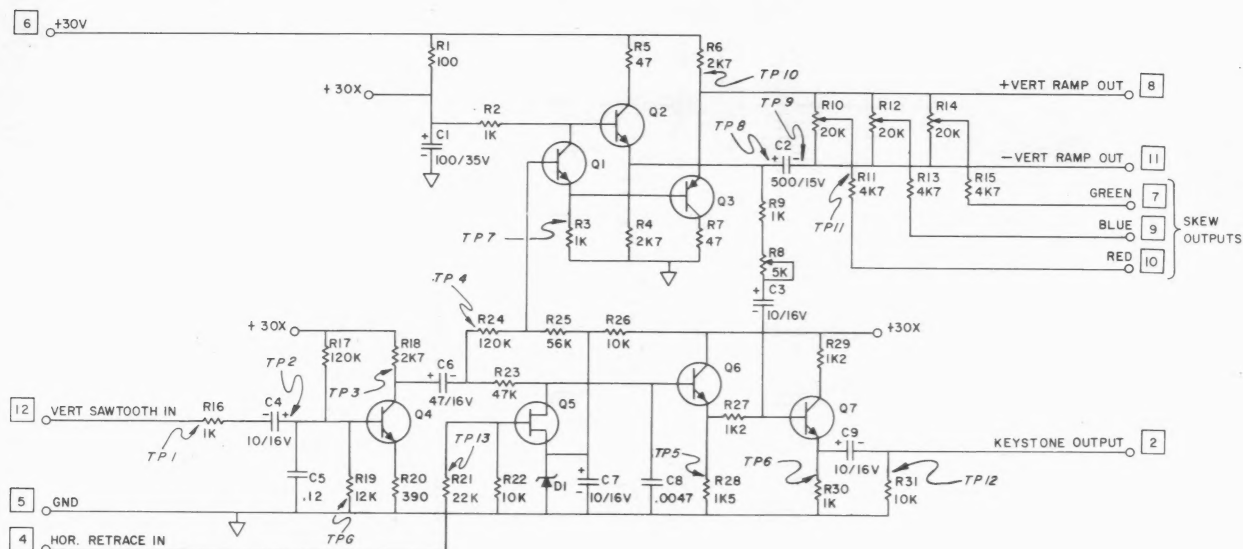
10-990-183
FOCUS REGULATOR BOARD 2300
ASSEMBLY

No.	Advent Part No.	Description
D1	60-663-003	1N914
D2, 3, 4	60-663-010	1N4002
Q1	60-673-006	TIS97
Q3, 5, 7	60-673-023	MPS U02
Q2, 4, 6	60-674-003	2N5087

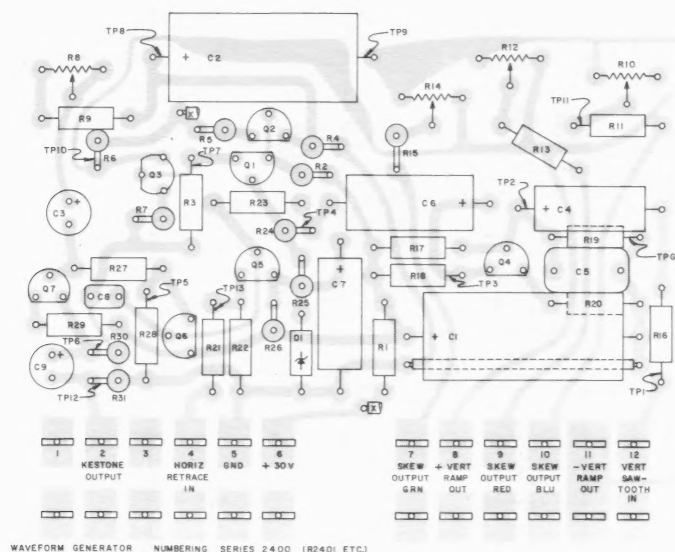


FOCUS REGULATOR NUMBERING SERIES 2300 (R2301, ETC.).
 ALL RESISTORS 1/4W, 10% UNLESS OTHERWISE NOTED.
 ALL CAPACITORS IN MFD UNLESS OTHERWISE NOTED.
 HEAVY DASHED LINE INDICATES CIRCUIT BOARD AREA.
 REV 7

Rev 7

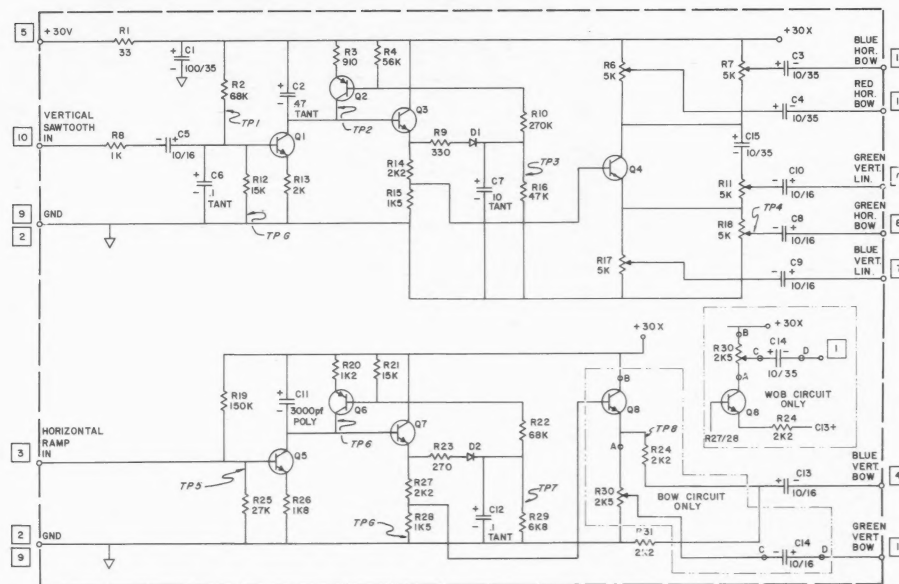


WAVEFORM GEN. NUMBERING SERIES 2400 (R2401 ETC.)
ALL RESISTORS 1/4 WATT 10% UNLESS OTHERWISE NOTED
ALL CAPACITORS IN MFD. UNLESS OTHERWISE NOTED



10-990-156 WAVEFORM GENERATOR BOARD ASSEMBLY 2400

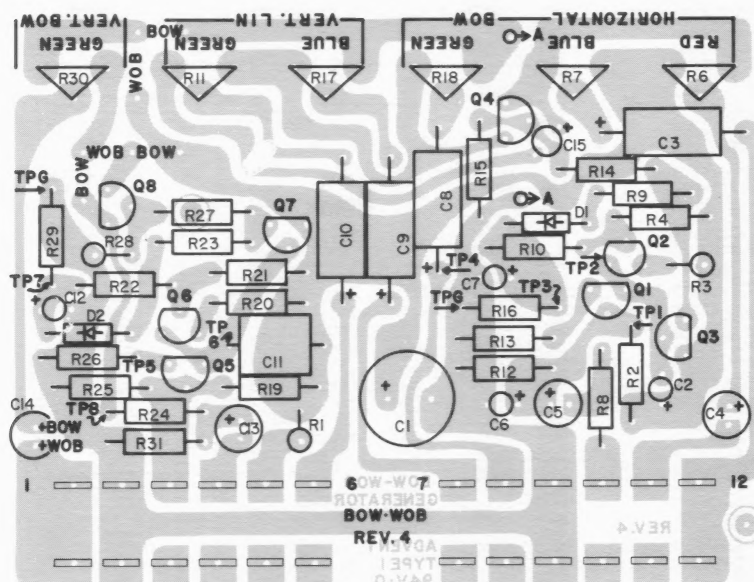
No.	Advent Part No.	Description
D1	60-663-023	1N5235A 6.8 volt Zener
Q1, 2, 4, 6, 7	60-673-006	TIS97
Q3	60-674-003	2N5087
Q5	60-673-030	TIS74



NOTE:
BOW OR WOB CIRCUIT MODIFICATION
IS ACCOMPLISHED BY JUMPER WIRES
ABOUT POINTS A-B (BOW JUMPER OR
WOB JUMPER) AND C14 POLARITY
(ABOUT POINTS C-D) AS DEFINED
ON PRINTED CIRCUIT BOARD

BOW/WOB GENERATOR NUMBERING SERIES 2500 (2501, ETC.)
ALL RESISTORS 1/4 WATT 10% UNLESS OTHERWISE NOTED
ALL CAPACITORS IN MFD. UNLESS OTHERWISE NOTED
HEAVY DASHED LINE INDICATES CIRCUIT BOARD AREA
REV 4

Rev 4

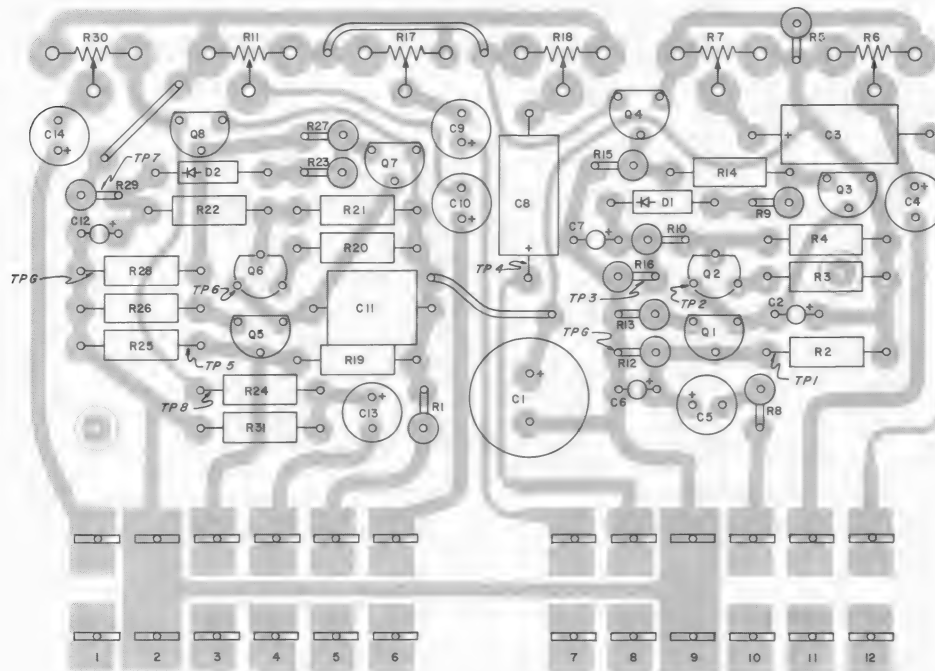
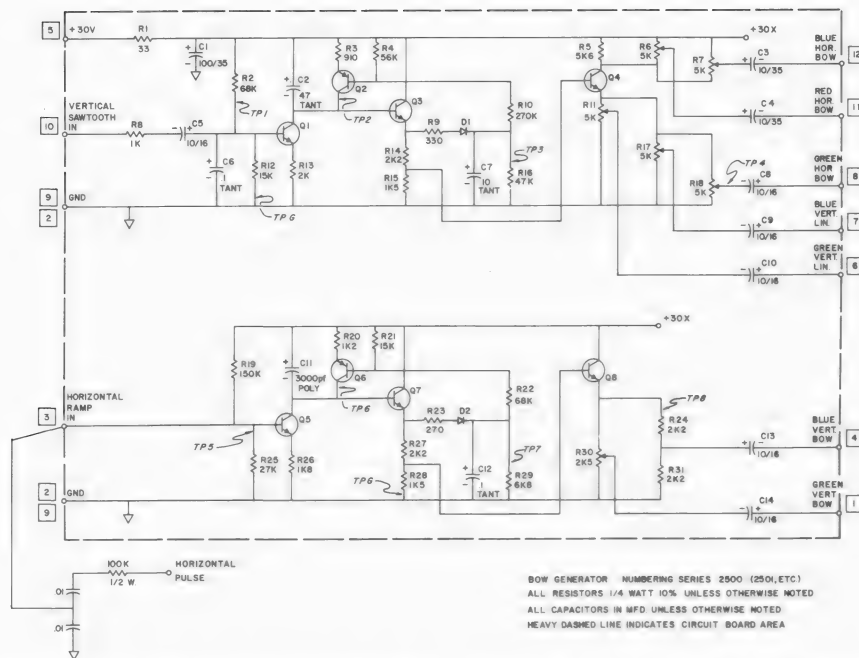


NOTE: "WOB" VERSION OF THIS BOARD
IS USED IN REAR SCREEN PROJECTION
SET-UPS.

10-990-498 BOW/WOB GENERATOR BOARD ASSEMBLY 2500

No.	Advent Part No.	Description
C2	60-632-169	.47 Tantalum
C6, 12	60-632-168	.1 Tantalum
C7	60-632-170	10 Tantalum
C11	60-632-028	3000 pf, 5% Polystyrene
D1, 2	60-663-003	1N914
Q1, 3, 4, 5, 7, 8	60-673-006	TIS97
Q2, 6	60-674-003	2N5087

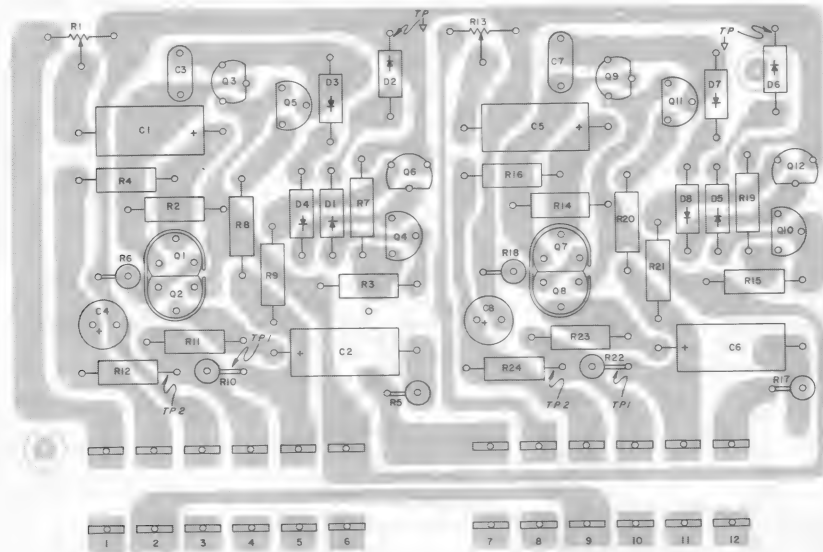
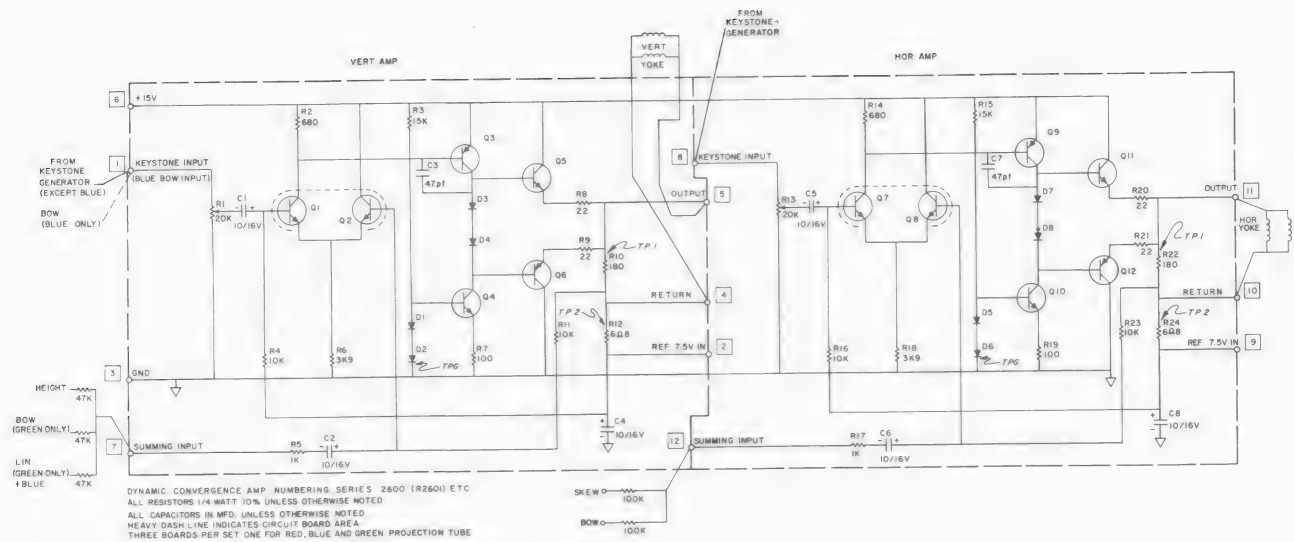
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BOW GENERATOR NUMBERING SERIES 2500 (2501, ETC.)

10-990-259 BOW GENERATOR BOARD ASSEMBLY 2500

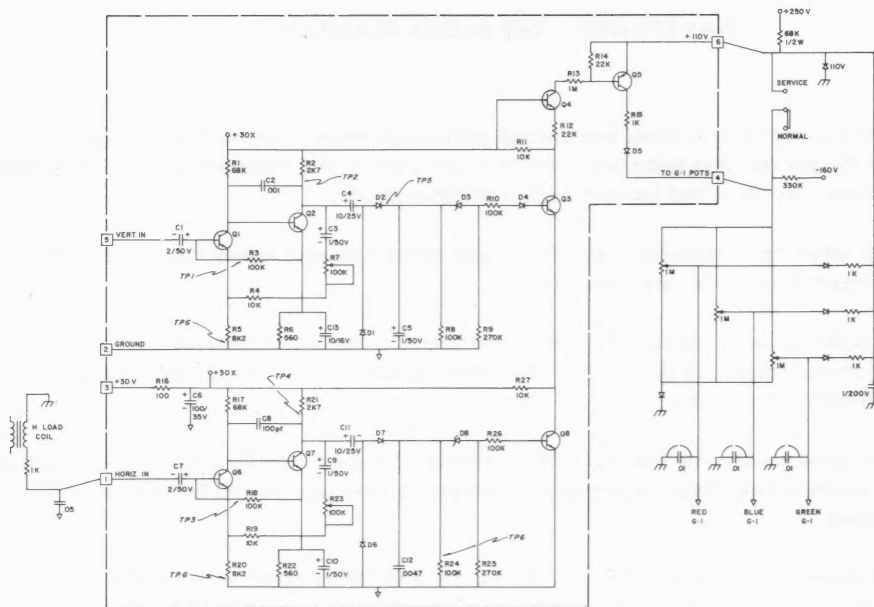
No.	Advent Part No.	Description
C2	60-632-169	.47 Tantalum
C6, 12	60-632-168	.1 Tantalum
C7	60-632-170	10 Tantalum
C11	60-632-028	3000 pf, 5% Polystyrene
D1, 2	60-663-003	1N914
Q1, 3, 4, 5, 7, 8	60-673-006	TIS97
Q2, 6	60-674-003	2N5087



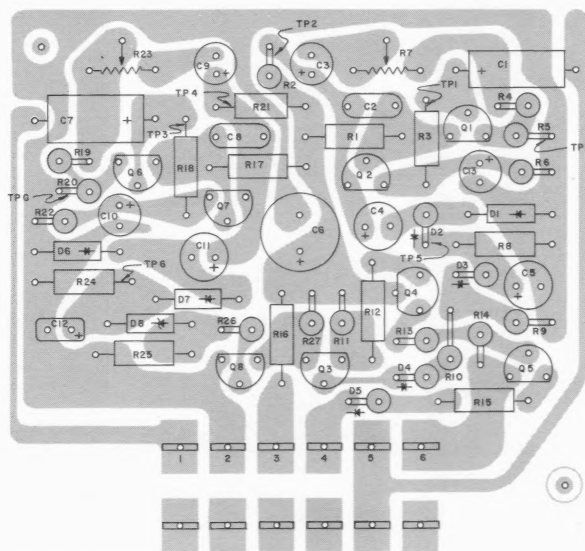
DYNAMIC CONVERGENCE AMP. NUMBERING SERIES 2600 (R2601) ETC

10-990-285 DYNAMIC CONVERGENCE AMPLIFIER BOARD ASSEMBLY 2600

No.	Advent Part No.	Description
C3, 7	60-632-038	47 pf, NPO
D1-D8	60-663-003	1N914
Q1, 2, 4, 5	60-673-006	TIS97
Q7, 8, 10, 11		
Q3, 9	60-674-003	2N5087
Q6, 12	60-673-026	2N3906



SCAN FAILURE PROTECTION NUMBERING SERIES 2700 (R2701, ETC.)
ALL RESISTORS 1/4 WATT - 10% UNLESS OTHERWISE NOTED
ALL CAPACITORS IN MFD UNLESS OTHERWISE NOTED
HEAVY DASHED LINE INDICATES CIRCUIT BOARD AREA



SCAN FAILURE PROTECTION NUMBERING SERIES 2700 (R1301 ETC.)

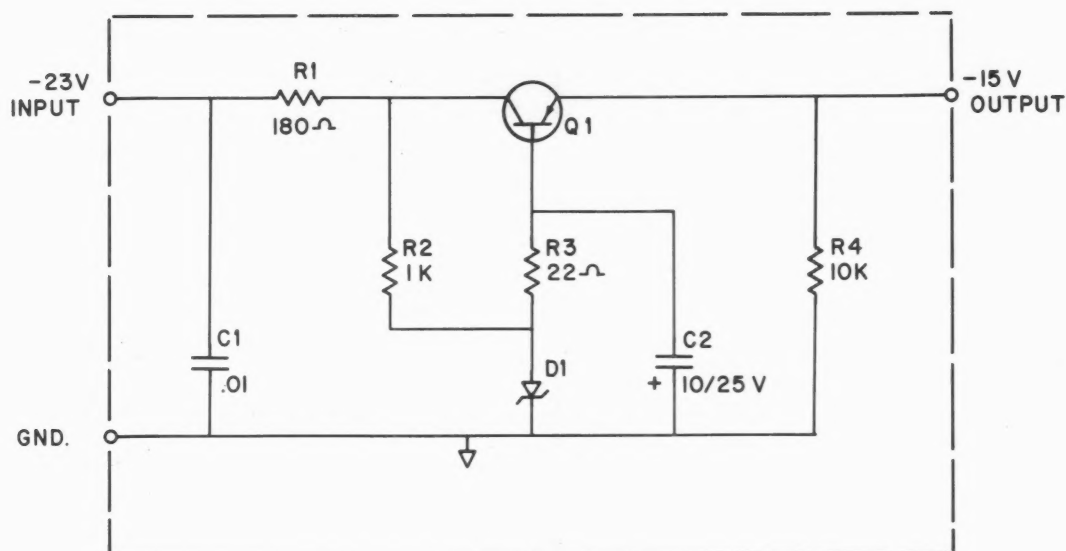
10-990-160 SCAN FAILURE PROTECTION ASSEMBLY 2700

No.	Advent Part No.	Description	No.	Advent Part No.	Description
C2	60-632-060	.001, 50V, Z5P	Q1, 2, 3, 6, 7, 8	60-673-006	TIS97
C8	60-632-039	100 pf, Z5P	Q5	60-673-027	MPS A92
D3, 8	60-663-019	1N5237A, 8.2V, Zener	Q4	60-673-031	MPS A43
D5	60-663-027	1N4006			
D1, 2, 4, 6, 7	60-663-003	1N914			

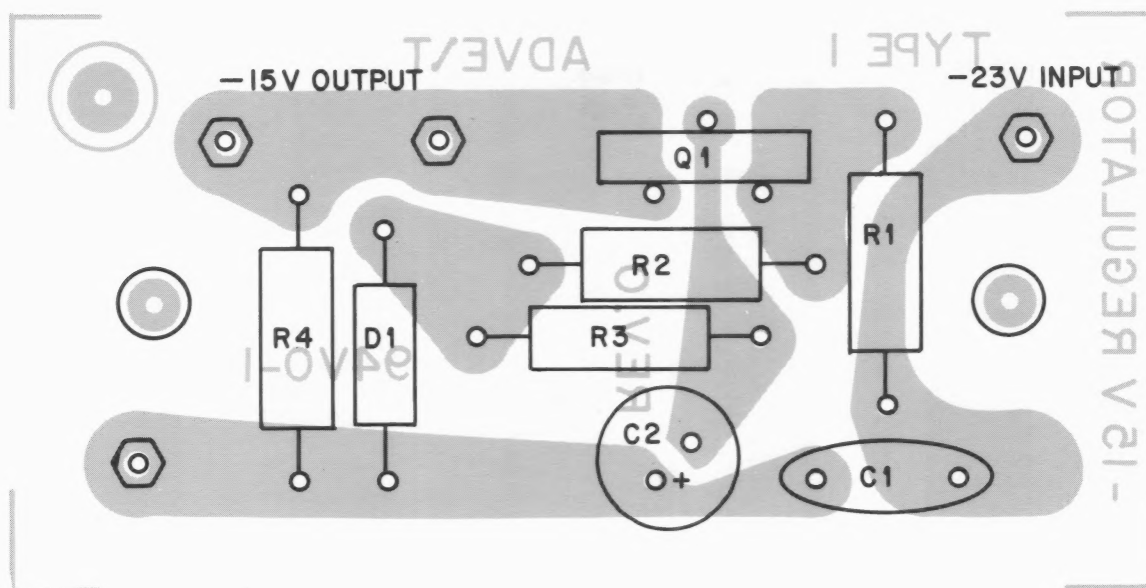
WAVEFORMS — SEE BLOCK DIAGRAM

NOTES:

1. The horizontal time bases and vertical deflection sensitivities for the waveforms are noted on the photos, and test points and titles are given in the following index. Additional helpful notes may be added beneath each individual photo.
2. The letter "F" following a waveform indicates a field rate waveform, and the letter "L" corresponds to a line rate waveform.
3. In order to show timing information pertinent to certain waveforms, dual traces are shown in some photos. In these cases, the reference waveform is the upper trace, and is identified below the photo.
4. For some waveforms the DC level is important; accordingly this level is noted to the side of the photos for these waveforms. Appropriate attention should be given to this level in such cases.
5. All waveforms except 4, 5F, 5L, 16, 17, 18, and 19 are taken with off-the-air video with all controls set at normal unless otherwise noted. Line voltage is 117 volts.



- 15 VOLT REGULATOR NUMBERING SERIES 2800 (R280I, ETC.)
 ALL RESISTORS 1/4 WATT - 10% UNLESS OTHERWISE NOTED.
 ALL CAPACITORS IN MFD UNLESS OTHERWISE NOTED.
 HEAVY DASHED LINE INDICATES CIRCUIT BOARD AREA.



Rev 0

- 15 VOLT REGULATOR NUMBERING SERIES 2800 (R280I, ETC.)

REV. 0

10-990-442
 -15V REGULATOR BOARD 2800

No.	Advent Part No.	Description
D1	60-663-041	1N5245A, 15V, Zener
Q1	60-673-028	MPS U52

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